

ABSTRACT OF THE INVENTION

A system for remote computer access comprises a first computer upon which an application runs, and a second computer upon which outputs from the application are implemented and from which inputs to control the application are received. A network communicatively couples the first and second computing systems. As an application executes on the first computing system, output-related instructions such as those related to displaying data are translated into a non-proprietary data format such as, for example, an extensible markup language (XML) data item. The XML data item is transmitted over the network using non-proprietary protocols such as, for example, HTTP to the second computing system. At the second computing system, the output-related instruction is translated into a corresponding instruction native to the second computing system and thereafter executed on the second computing system. Inputs such as those from a mouse or keyboard that are received at the second computing system are translated into a non-proprietary, open data item such as, for example, an XML data item. The translated input instruction is transmitted from the second computing system to the first computing system over the communicative network using non-proprietary protocols such as HTTP. Upon receipt at the first computing system, the input instruction is translated into a format native to the first computing system and implemented.